OIPE

0590

0830

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/087,273 #5

CRF Processing Date: 9/17/2002

Edited by: DC

Verified by: _____ (STIC staff)

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically: ENTERED

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

☐ Deleted extra, invalid, headings used by an applicant, specifically:

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.

☐ Inserted mandatory headings, specifically: _____

☑ Corrected an obvious error in the response, specifically: Re-aligned amino numbering in Seq. 2

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:

*Examiner: **The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 09/17/2002
PATENT APPLICATION: US/10/087,273 TIME: 16:22:08

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\09172002\J087273.raw

```
  3 <110> APPLICANT: Gordon, John R.
  4       Li, Fang
  6 <120> TITLE OF INVENTION: HIGH-AFFINITY ANTAGONISTS OF ELR-CXC CHEMOKINES
  8 <130> FILE REFERENCE: 47957
 10 <140> CURRENT APPLICATION NUMBER: US 10/087,273
C--> 11 <141> CURRENT FILING DATE: 2002-08-23
 13 <150> PRIOR APPLICATION NUMBER: US 60/273,181
 14 <151> PRIOR FILING DATE: 2001-03-01
 16 <160> NUMBER OF SEQ ID NOS: 8
 18 <170> SOFTWARE: PatentIn version 3.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 72
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Bos taurus
 25 <400> SEQUENCE: 1
 26 Thr Glu Leu Arg Cys Gln Cys Ile Arg Thr His Ser Thr Pro Phe His
 27 1               5                  10                  15
 29 Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Pro Pro His Cys
 30             20                  25                  30
 32 Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu Val Cys
 33         35                  40                  45
 35 Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val Phe Val
 36     50                  55                  60
 38 Lys Arg Ala Glu Lys Gln Asp Pro
 39 65                  70
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 74
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Bos taurus
 46 <400> SEQUENCE: 2
 47 Met Ser Thr Glu Leu Arg Cys Gln Cys Ile Lys Thr His Ser Thr Pro
 48 1               5                  10                  15
 50 Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro
 51             20                  25                  30
 53 His Cys Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu
 54         35                  40                  45
 56 Val Cys Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val
 57     50                  55                  60
 59 Phe Val Lys Arg Ala Glu Lys Gln Asp Pro
 60 65                  70
 62 <210> SEQ ID NO: 3
 63 <211> LENGTH: 222
 64 <212> TYPE: DNA
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RAW SEQUENCE LISTING DATE: 09/17/2002
PATENT APPLICATION: US/10/087,273 TIME: 16:22:08

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\09172002\J087273.raw

<213> ORGANISM: Bos taurus
<220> FEATURE:
<221> NAME/KEY: CDS
<222> LOCATION: (1)..(222)
<223> OTHER INFORMATION:
<400> SEQUENCE: 3

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Met Ser Thr Glu Leu Arg Cys Gln Cys Ile Lys Thr His Ser Thr Pro
1               5                   10                  15
ttc cac ccc aaa ttt atc aaa gaa ttg aga gtt att gag agt ggg cca       96
Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro
            20                  25                  30
cac tgt gaa aat tca gaa atc att gtt aag ctt acc aat gga aac gag      144
His Cys Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu
        35                  40                  45
gtc tgc tta aac ccc aag gaa aag tgg gtg cag aag gtt gtg cag gta      192
Val Cys Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val
    50                  55                  60
ttt gtg aag aga gct gag aag caa gat cca                             222
Phe Val Lys Arg Ala Glu Lys Gln Asp Pro
65                  70
```

<210> SEQ ID NO: 4
<211> LENGTH: 216
<212> TYPE: DNA
<213> ORGANISM: Bos taurus
<220> FEATURE:
<221> NAME/KEY: CDS
<222> LOCATION: (1)..(216)
<223> OTHER INFORMATION:
<400> SEQUENCE: 4

```
aca gaa ctt cga tgc caa tgc ata aga aca cat tcc aca cct ttc cac       48
Thr Glu Leu Arg Cys Gln Cys Ile Arg Thr His Ser Thr Pro Phe His
1               5                   10                  15
ccc aaa ttt atc aaa gaa ttg aga gtt att gag agt ccg cca cac tgt       96
Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Pro Pro His Cys
            20                  25                  30
gaa aat tca gaa atc att gtt aag ctt acc aat gga aac gag gtc tgc      144
Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu Val Cys
        35                  40                  45
tta aac ccc aag gaa aag tgg gtg cag aag gtt gtg cag gta ttt gtg      192
Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val Phe Val
    50                  55                  60
aag aga gct gag aag caa gat cca                                     216
Lys Arg Ala Glu Lys Gln Asp Pro
65                  70
```

<210> SEQ ID NO: 5
<211> LENGTH: 45
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/087,273

DATE: 09/17/2002
TIME: 16:22:08

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\09172002\J087273.raw

130 <220> FEATURE:
131 <223> OTHER INFORMATION: upstream primer
133 <400> SEQUENCE: 5
134 cagaacttcg atgccagtgc ataagatcat tttccacacc tttcc 45
136 <210> SEQ ID NO: 6
137 <211> LENGTH: 43
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: upstream primer
144 <400> SEQUENCE: 6
145 gagagttatt gagagtccgc cacactgtga aaattcagaa atc 43
147 <210> SEQ ID NO: 7
148 <211> LENGTH: 43
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: upstream primer
155 <400> SEQUENCE: 7
156 gagagttatt gagagtgggg gacactgtga aaattcagaa atc 43
159 <210> SEQ ID NO: 8
160 <211> LENGTH: 43
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: upstream primer
167 <400> SEQUENCE: 8
168 gagagttatt gagagtccgg gacactgtga aaattcagaa atc 43

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/087,273

DATE: 09/17/2002
TIME: 16:22:09

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\09172002\J087273.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

OIPE

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/087,273

DATE: 09/09/2002
TIME: 10:26:41

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\09092002\J087273.raw

```
      3 <110> APPLICANT: Gordon, John R.
      4       Li, Fang
      6 <120> TITLE OF INVENTION: HIGH-AFFINITY ANTAGONISTS OF ELR-CXC CHEMOKINES
      8 <130> FILE REFERENCE: 47957
     10 <140> CURRENT APPLICATION NUMBER: US 10/087,273
C--> 11 <141> CURRENT FILING DATE: 2002-08-23
     13 <150> PRIOR APPLICATION NUMBER: US 60/273,181
     14 <151> PRIOR FILING DATE: 2001-03-01
     16 <160> NUMBER OF SEQ ID NOS: 8
     18 <170> SOFTWARE: PatentIn version 3.1
```

ERRORED SEQUENCES

Amino numbering misaligned

insert hard return

```
     41 <210> SEQ ID NO: 2
     42 <211> LENGTH: 74
     43 <212> TYPE: PRT
     44 <213> ORGANISM: Bos taurus
     46 <400> SEQUENCE: 2
     47 Met Ser Thr Glu Leu Arg Cys Gln Cys Ile Lys Thr His Ser Thr Pro
E--> 48 5                   10                  15
     50 Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro
E--> 51             20                  25                  30
     53 His Cys Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu
E--> 54         35                  40                  45
     56 Val Cys Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val
E--> 57     50                  55                  60
     59 Phe Val Lys Arg Ala Glu Lys Gln Asp Pro
E--> 60 65                  70
```

VERIFICATION SUMMARY DATE: 09/09/2002
PATENT APPLICATION: **US/10/087,273** TIME: 10:26:42

Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\09092002\J087273.raw**

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:48 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
M:332 Repeated in SeqNo=2
L:60 M:252 E: No. of Seq. differs, <211>LENGTH:Input:74 Found:58 SEQ:2